

## ABSTRACT

5 A dental hand piece, comprising a casing, an axis,  
front and rear bearings, a turbine, a front lid, and a drill  
head. Air of high pressure enters the casing through an  
air inlet, is led through a front ring channel, hits the  
air turbine in an axial direction, driving a rotational  
movement of the air turbine, passes through a rear ring  
channel and leaves the casing through an air outlet. A path  
10 for fluids from the drill head to reach the air outlet is  
blocked, effectivity of driving is increased, and noise  
is reduced.